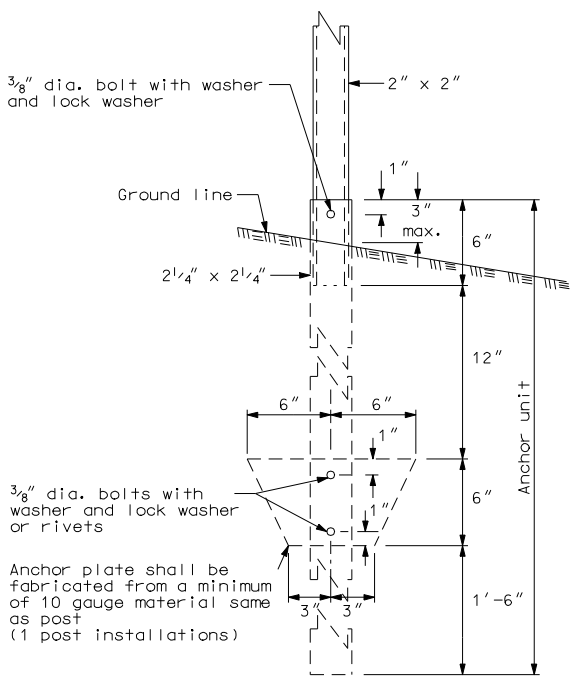
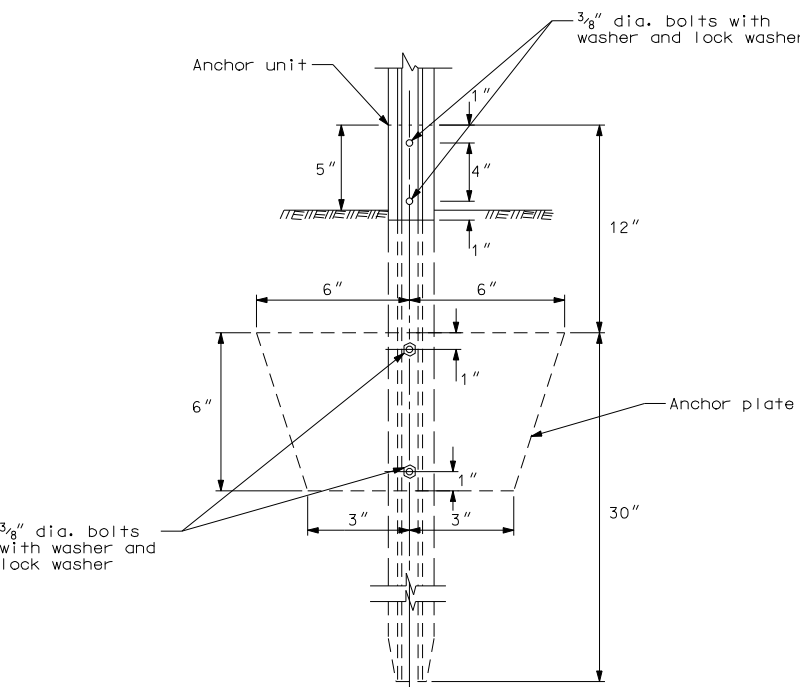


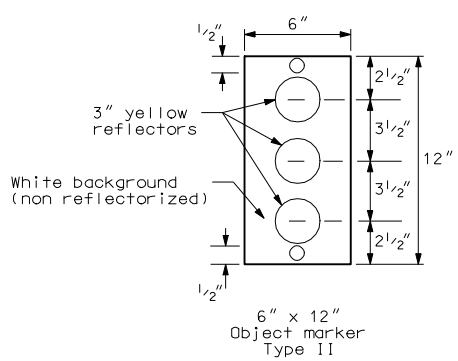
OBJECT MARKERS



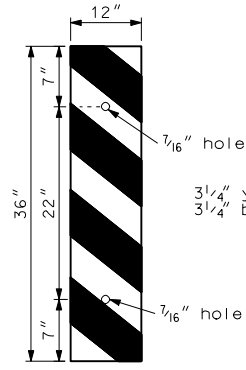
ANCHOR UNIT AND POST PERFORATED TUBE ASSEMBLY



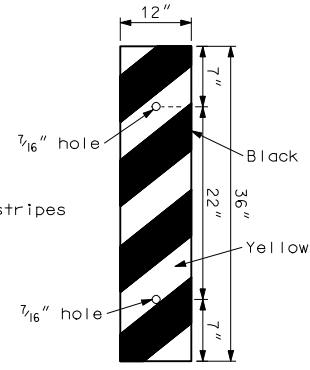
ANCHOR UNIT AND POST ASSEMBLY  
2# post or aluminum 0.88 lb./ft.



Object marker Type II

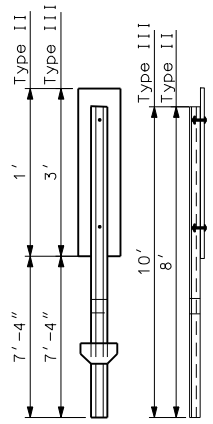


W-66-12 Object marker left 12" x 36" Type III



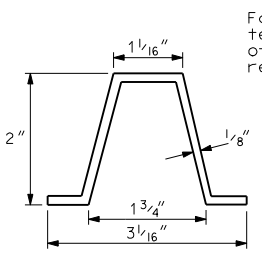
W-67-12 Object marker right 12" x 36" Type III

Bottom of marker to be a min. of 4' from ground line at marker.

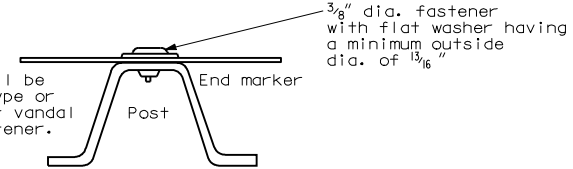


Notes:

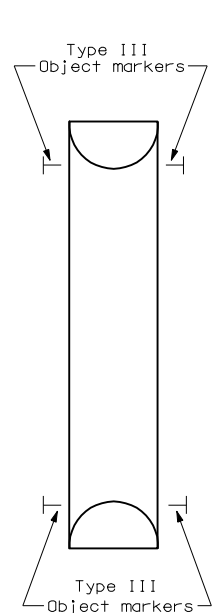
1. The white background shall be given two coats of enamel conforming to the requirement of the manufacturer. Sign faces shall be fabricated in conformance to the requirements of Section 754.03 of the Standard Specifications. The reflective sheeting shall be Type III conforming to the requirements of Section 894.02 of the Standard Specifications. The item object markers will be measured by the number of sign markers installed complete in place. Back to back mountings require two sign markers. The 3" yellow reflector shall conform to the requirements of Section 894.06 B.2 of the Standard Specifications. Object markers to be mounted vertically on steel posts in front of the bridge railing on each side of highway, to mark the horizontal clearance on all bridges where distance between wheel guards is less than approach width. All sign backing material shall be .100 inch sheet aluminum. All signs have reflectorized background unless shown otherwise on the plans. In no case is the color black reflectorized. In lieu of the white painted background of the Type II object marker, a Type II reflective sheet may be substituted.
2. Posts shall conform to Section 894.05 B of the Standard Specifications. Steel posts shall be galvanized in accordance with AASHTO M-183 and M-232.
3. County Roads: Counties may adjust placement height of object markers based on an engineering review. On low volume county roads, the height of object markers within 8' of the shoulder of the roadway may be as low as 1' measured from the surface of the nearest traffic lane to the bottom of the marker.
4. Object markers are not required if approach guardrail is installed with reflectors and end treatment with delineation.



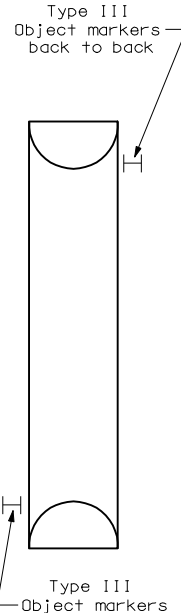
ALUMINUM POST DETAIL  
Aluminum alloy 6061-T6 approx. 0.88 lb./ft.



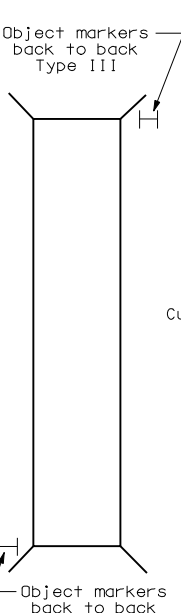
STEEL POST DETAIL  
approx. 2 lb./ft.



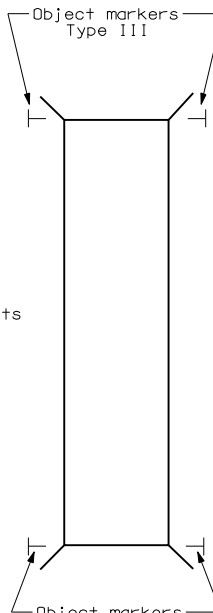
Pipe culverts greater than 10'



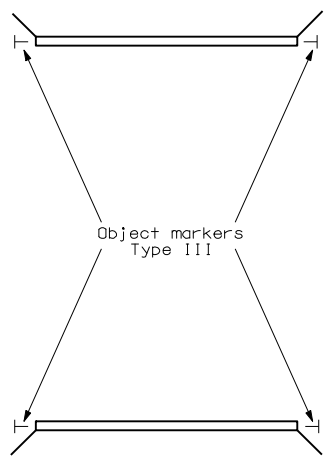
Pipe culverts 10' max.



Box culverts 10' max.



Box culverts greater than 10'



Bridges

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
10-1-86	
REVISIONS	
DATE	CHANGE
08-01-89	Type II hazard markers
10-25-89	Note change
09-30-91	Note change
07-08-03	Hazard to object markers
12-01-04	PE Stamp added
02-18-05	Added notes 3 & 4

This document was originally issued and sealed by MARK S GAYDOS, Registration Number PE-4518, on 12/01/04 and the original document is stored at the North Dakota Department of Transportation